

Date: April 1, 2004

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)


Sheet 1

of 3

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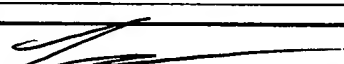
Application Number	
Filing Date	April 1, 2004
First Named Inventor	Boyd J. Wathen
Art Unit	
Examiner Name	
Attorney Docket Number	102-1-006

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3,005,790	10-24-1961	Wynn et al.	
		US- 4,735,658	04-05-1988	Blet et al.	
		US- 5,603,745	02-18-1997	Petersen et al.	
		US- 5,801,204	08-01-1998	Johansson et al.	
		US- 5,968,222	10-19-1999	Kodali	
		US- 4,001,033	01-04-1977	Anthone et al.	
		US- 4,107,112	08-15-1978	Latta Jr. et al.	
		US- 4,571,116	02-18-1986	Patil et al.	
		US- 5,595,782	01-21-1997	Cole	
		US- 4,663,067	05-05-1987	Mallow et al.	
		US- 6,065,903	05-23-2000	Doyle	
		US- 6,149,351	11-21-2000	Doyle	
		US- 5,235,070	08-10-1993	Green et al.	
		US- 5,192,337	03-09-1993	Wajer et al.	
		US- 4,827,871	05-09-1989	Morrison	
		US- 1,606,651	11-09-1926	MacReady	
		US- 2,167,393	07-25-1939	Muncy	
		US- 2,302,996	11-24-1942	Lilligren	
		US- 2,740,291	04-03-1956	Brown	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

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		Number-Kind Code ² (if known)			
		US- 2,842,965	07-15-1958	Thompson	
		US- 3,843,198	10-22-1974	Reynolds	
		US- 3,988,243	10-26-1976	Huff	
		US- 4,332,301	06-01-1982	Jonell	
		US- 4,650,013	03-17-1987	Hoeft	
		US- 5,103,683	04-14-1992	Lyons	
		US- 5,894,096	04-13-1999	Kotraba et al	
		US- 5,975,219	11-02-1999	Sprehe	
		US- 6,386,026	05-14-2002	Zamfes	
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
		AU 200010013 A	8-2000	Clur		
		WO 99/51582 A1 (PCT)	10-1999	Bridges et al.		
		WO 98/28517 A1 (PCT)	07-1998	Sprehe		

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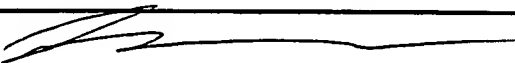
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Sheet 3	of 3	Attorney Docket Number	102-1-006

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Derwent - Acc No. 1998-521701 - Abstract of ZA9744454A, Inventor Clur - "Apparatus for sampling drill cuttings from drill hole in flow of a separate drill cuttings from air, directs same separated drill cuttings from air, directs same separated drill cuttings collection points, sampler operates automatically in response to depth of drill hole"	
		Derwent - ACC No. 2002-529438 - Abstract of AU200235593A, Inv. Clur "Automatic drill cuttings sampling apparatus of cuttings entrained in flushing air flowing from drill hole for determination of rock structure and ore grade"	
		http://www.washingtonrotating.com/products.html , downloaded "The Divertech Pneumatic Diverter System" by Washington Rotating Control Heads, Inc. 4 pages, 5/22/2003	
		http://www.washingtonrotating.com/products.html , downloaded Washington Rotating Control Heads, Inc. - Product Index 1 page 5/22/2003	

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